

# ROBYN CLARK

DevOps Engineer



Hull, UK



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Website



GitHub



LinkedIn

## WHO AM I?

I am a Systems Engineer at VISR Dynamics and former Computer Science student at the University of Hull. I have a passion for Linux, system administration and cloud native technologies. I enjoy working alongside others and am happy to help them with problems or concerns they may have.

## EXPERIENCE AND VOLUNTEERING

- |                   |   |  |
|-------------------|---|--|
| Jul 2023–Present  | <b>Devops / Systems Engineer</b>  | <b>VISR Dynamics</b>                   |
|                   | <ul style="list-style-type: none"><li>- Maintained VISR in-house infrastructure</li><li>- Ensured production services were up to date and stable with an uptime of 99.997%</li><li>- Assisted with BETT 2024 and other events</li><li>- Provided technical support to staff</li><li>- Built up and helped manage the Systems team, establishing routines and policies to ensure its effectiveness</li></ul> |  |
| May 2022–Jul 2023 | <b>Web Developer</b>  | <b>Hull Computer Science Society</b>   |
|                   | <p>As Webmaster at HullCSS it was my responsibility to:</p> <ul style="list-style-type: none"><li>- Keep the website up to date with events and details</li><li>- manage the HullCSS GitHub organisation</li><li>- teach Git to society members</li><li>- advise on security and contribution policies for the society.</li></ul>   |  |
| Mar 2022–Jul 2024 | <b>Linux System Administrator</b>   | <b>Freeside</b>                        |
|                   | <p>As an admin at Freeside - the student run Linux user group at the University of Hull - I have had the opportunity to contribute to some of their projects like the Student Resource List as well as getting involved with system administration. Services managed include a web, storage and identity management server along with a handful of Linux desktops.</p>                                      |  |
| Sep 2022–Jan 2023 | <b>Bar Staff</b>  | <b>Hull University Students Union</b>  |
|                   | <p>Bar Staff at HUSU Wetherspoons</p>   |  |
| Sep 2021–Jul 2023 | <b>Computer Science Course Representative</b>   | <b>Hull University Students' Union</b> |
|                   | <p>As a course rep for Computer Science, my role involved liaising with students and university staff about the quality of the course.</p>  |  |

## EDUCATION

- |             |   |                           |
|-------------|---|---------------------------|
| 2021 – 2023 | <b>BSc Computer Science</b>   | <b>University of Hull</b> |
| 2019 – 2021 | <b>A-Levels</b>   | <b>York College</b>       |
|             | <p>Studied Computer Science (C), Sociology (A) and Psychology (C)</p> |                           |
| 2014 – 2019 | <b>GCSE's</b>   | <b>York High School</b>   |
|             | <p>10 GCSEs including Computer Science</p>                            |                           |

## PROJECTS

I spend a lot of my free time coding and working on server admin, below is a list of some projects I have worked on / am working on.

- |                |   |                 |
|----------------|---|-----------------|
| 2022 – Present | <b>VPS</b>  | <b>Personal</b> |
|                | <p>Managing a VPS which runs personal services. These include:</p> <ul style="list-style-type: none"><li>- Forgejo for Git backups, along with a side container for mirroring my GitHub to it</li><li>- My website built with the Zola static site generator</li><li>- Nginx</li><li>- Docker Swarm/Compose for managing services</li><li>- A handful of game servers</li></ul> |                 |

2021 – 2022	<b>Virtual machine server</b> Maintaining a Proxmox Virtual Environment server. VMs include: - unifi controller - gitea - TrueNAS - OPNsense	<b>Personal</b>
2021 – Present	<b>Blog site</b> Developing a personal blog to document what I get up to. Created using Zola and hosted on my VPS.	<b>Personal</b>
2021 – 2024	<b>Student Resource List</b> Contributing to Freeside's Student Resource List, a collection of computer science related resources created by staff and students at the university of hull	<b>Freeside</b>
2020 – 2021	<b>Sorting and Searching algorithm visualiser</b> A-level Computer Science project written in C# as a Windows Forms Application. Sorts included are Bubble sort, Insertion sort, Merge sort and Quick sort. Searches included are Linear search and Binary search	<b>York College A-Level coursework</b>

## TECHNICAL SKILLS

### Containerisation

Docker, Hashicorp Nomad, Kubernetes (learning)

### Programming Languages

C#, Bash, Python

### CI/CD

GitHub Actions, GitLab CI

### Operating Systems

Linux, Windows

### Hardware

Raspberry Pi, HPE Bladesystem, Dell PowerEdge

### Virtualisation

Highly Available Proxmox

## REFERENCES

References are available upon request.